ABSTRACT OF THE DISCLOSURE

A device for measurement of entrained and dissolved gas has a first module arranged in relation to a process line for providing a first signal containing information about a sensed entrained air/gas in a fluid or process mixture flowing in the process line at a process line pressure. The device features a combination of a bleed line, a second module and a third module. The bleed line is coupled to the process line for bleeding a portion of the fluid or process mixture from the process line at a bleed line pressure that is lower than the process pressure. The second module is arranged in relation to the bleed line, for providing a second signal containing information about a sensed bleed line entrained air/gas in the fluid or process mixture flowing in the bleed line. The third module responds to the first signal and the second signal, for providing a third signal containing information about a dissolved air/gas flowing in the process line based on a difference between the sensed entrained air/gas and the sensed bleed line entrained air/gas.